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**From:** "Robert Law"  
**Sent:** Sat 10/6/2012 2:17:17 PM  
**Subject:** RE: Re: Revised Tissue QAPP Addendum  
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Stephanie:

Attached is the revised RLSO QAPP and a revised clean QAPP dated yesterday based on EPA's comments. Please note that WW used the word "mass" instead of "volume" regarding EPA's language on the number of non-target fish to be collected (comment to Table 11-1) because it is actually mass, not volume, of fish tissue that determines the number of fish needed for an analytical sample.

We will begin mobilizing for work next week.

R/

Rob

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Fax: 908-735-2132>>> Stephanie Vaughn <[Vaughn.Stephanie@epamail.epa.gov](mailto:Vaughn.Stephanie@epamail.epa.gov)> 10/5/2012 2:37 PM >>>

Hi Rob,

I have a couple of comments on the revised QAPP addendum. In addition, I would like Chuck to look this over, but he's out today. As such, we can proceed with the work next week (assuming you incorporate the changes indicated herein), but may need to make some minor revisions to the QAPP in the field.

Please let me know if you have any questions.

Thanks,  
Stephanie

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1. The RTC states that Worksheet 11 has been revised to state that all non-target species will be retained for potential analysis and that beach seining will be attempted to target small forage fish where shallow areas are present and it is safe to do so. It appears that this language was added to Worksheet 10 (last page), but not Worksheet 11. Please make the following additional changes:

On Page 19 - Add the phrase "non-target species will also be retained" to the first paragraph, after the first sentence under "How many data are needed?".

Add a footnote to Table 11-1 indicating all non-target species will be retained, and that the total number of non-target species samples will be determined based on volume collected.

2. In response to Comment 3 on the draft QAPP addendum, the following paragraph was added to the QAPP (Worksheet 10, Page 14). Please add the phrase indicated in red below:

As described in Appendix B of the Revised RARC Plan (Windward and AECOM [in prep]-b), a number of tissue chemistry data have been collected from estuarine environments in the LPR region. The need for additional tissue collection efforts to obtain background and/or reference data from estuarine environments in the LPR region may be required, but such a collection effort is not described in this QAPP Addendum. Tissue chemistry data of sufficient quality from regional freshwater environments in the LPR region (specifically upstream of Dundee Dam) are relatively limited, so the collection of data to establish a freshwater background dataset is proposed in this QAPP Addendum, though additional freshwater background and/or reference data collection may still be required.

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Date: 10/01/2012 02:51 PM  
Subject: Revised Tissue QAPP Addendum

Stephanie:

Attached please find the revised tissue QAPP addendum. Also attached are Figure 1 and the RTC. Attachment T (laboratory SOPs) was not attached to this email because the file is too large. These files (including Attachment T) will be posted to EPA's Sharepoint website.

R/  
Rob

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Fax: 908-735-2132[attachment "DRAFT Background Tissue QAPP\_100112.docx" deleted by Stephanie Vaughn/R2/USEPA/US] [attachment "DRAFT\_Background Tissue QAPP\_Fig 1\_100112.pdf" deleted by Stephanie Vaughn/R2/USEPA/US] [attachment "RTC\_EPA cmts Draft QAPP Background Tissue Add.doc" deleted by Stephanie Vaughn/R2/USEPA/US]